Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 (Previously Presented). A telephone controller controlling a plurality of telephones connected to the Internet via a LAN (Local Area Network), said telephone controller allowing an external telephone connected to the Internet to make a direct call to a telephone in the LAN comprising:

an IP (Internet Protocol) address allocating circuit which allocates a private IP address to each of the plurality of telephones;

a memory in which a table indicating a correspondence between IDs (Identifier) of the plurality of telephones and corresponding ones of the private IP addresses is stored; and

a control circuit which controls communication between the plurality of telephones and the Internet using the private IP addresses, wherein each of the IDs includes a domain name of said telephone controller and identification information composed of a user name and an extension telephone number of the telephone, wherein said memory further stores therein a table indicating a correspondence among an ID, a private IP address, an extension telephone number, and a user name, and wherein said control circuit extracts the identification information from an ID received via the Internet, searches said table with the identification information to obtain the private IP address, and executes communication between a telephone to which the private IP address is allocated and the Internet.

2. (Canceled)

1   3. (Original) The telephone controller according to claim 1 wherein said

2   control circuit notifies the allocated IP address to the telephone.

4. (Canceled)

5. (Canceled)

1   6. (Original) The telephone controller according to claim 1 wherein said

2   memory further stores therein a table indicating communication history

3   information for each ID.

1   7. (Previously Presented) The telephone controller according to claim 1

2   wherein said table is updated in response to a request from the telephone.

1   8. (Original) The telephone controller according to claim 1, further

2   comprising means for receiving the ID, wherein said control circuit stores

3   the ID received from said means for receiving into said memory.

1   9. (Original) The telephone controller according to claim 1, further

2   comprising a transfer circuit which transfers information stored in said

3   table to some other telephone controller.

1   10. (Previously Presented) A telephone communication unit composed of

2   a LAN connected to the Internet, telephone controllers communicating

3   each other via the LAN, and a plurality of telephones, wherein

4   each of said telephone controllers allowing an external telephone

5   connected to the Internet to make a direct call to a telephone in the LAN

6   and comprises:

7   an IP (Internet Protocol) address allocating circuit which allocates a

8	private IP address to each of said plurality of telephones;
9	a memory in which a table indicating a correspondence between
10	IDs (Identifier) and identification information of said plurality of
11	telephones and corresponding ones of said private IP addresses is stored;
12	and
13	a control circuit which controls communication between said
14	plurality of telephones and the Internet using the private IP addresses,
15	wherein each of the IDs includes a domain name of said telephone
16	controller and the identification information is composed of a user name
17	and an extension telephone number of the telephone and wherein said
18	memory stores therein a table indicating a correspondence among an ID, a
19	private IP address, an extension telephone number and a user name; and
20	each of said plurality of telephones includes an input circuit which
21	receives an ID and identification information and sends the ID and the
22	identification information received from said input circuit to said telephone
23	controller, said control circuit extracts the identification information from
24	an ID received via the Internet, searches said table with the identification
25	information to obtain the private IP address, and executes communication
26	between a telephone to which the private IP address is allocated and the
27	Internet.

11. (Canceled)

1	12. (New) A telephone controller comprising:
2	a storage section configured to store an IP address allocated by an
3	IP address circuit together with an extension telephone number of each of a
4	plurality of telephones for every ID specifying a telephone;
5	a control section configured to manage said IP address and said
6	extension telephone number for every said ID, and to inform said IP

7	address to a telephone corresponding to said ID; and
8	a receiving section configured to receive a registration request
9	message from said telephone,
10	wherein said ID is common to telephones and includes
11	identification data a global domain name registered on the Internet, and the
12	identification data of said ID includes a user identification section and an
13	extension telephone number identification section for said extension
14	telephone number of said telephone,
15	said registration request message includes said ID, and
16	said control section stores said registration request message
17	received by said receiving section and said extension telephone number
18	included in said ID in said storage section.

1	13. (New) The telephone controller according to claim 12, wherein said
2	registration request message includes said user identification section in
3	place of said ID.

1	14. (New) The telephone controller according to claim 12, wherein said
2	registration request message includes said extension telephone number in
3	place of said ID.